

CLAIMS

1. A media file playback method, comprising the steps of:

receiving position information of a file server providing a FTP
5 (file transfer protocol) service and/or a distributed file service through a
media server connected to a UPnP(Universal Plug and Play)-based
network; and

playing back a medial file in the file server through a media
renderer connected to the UPnP-based network based on the position
10 information.

2. A media file playback method, comprising the steps of:

receiving position information of a file server providing a FTP
(file transfer protocol) service and/or a distributed file service through a
15 media server connected to a UPnP(Universal Plug and Play)-based
network;

downloading a media file in the file server by accessing to the
file server based on the position information; and

playing back the downloaded media file through a media
20 renderer connected to the UPnP-based network.

3. The method of claim 2, wherein the step of downloading a
media file in the file server comprises the steps of:

acquiring a media file list in the file server by accessing the file
25 server based on the position information;

receiving the address of a medial file selected by a user from the acquired media file list; and

downloading the media file corresponding to the address of the media file selected by the user from the file server.

5

4. A media file playback method, comprising the steps of:

receiving position information of a FTP (file transfer protocol) server or a distributed file server through a media server providing media contents via a UPNP-based network;

10 acquiring a media file list in the file server based on the position information;

providing the acquired media file list to a control point connected to the UPnP-based network through the media server;

15 providing the address information of a media file selected by a user from the acquired media file list to a media renderer connected to the UPNP-based network under control of the control point;

downloading the media file corresponding to the address information of the medial file selected by the user directly from the file server through the media renderer; and

20 playing back the downloaded media file through the media renderer.

5. The method of claim 4, wherein the step of providing the address information of a media file is the step of providing the address
25 information of a media file to the media renderer through the media

server when a CDS (content directory service) action in the media server is invoked.

6. The method of claim 4, wherein the step of providing the
5 media file list to a control point connected to the UPnP-based network further comprises the step of:

displaying the media file list on a user interface screen under control of the control point.

10 7. A media file playback system, comprising:

a file server being connected to a network and providing a media file;

a media server being connected to the network and the UPnP-based network and receiving a media file list in the file server via
15 the network based on the position information of the file server;

a media renderer being connected to the network and the UPnP-based network and playing back the media file corresponding to at least one media file address registered in the media file list of the file server.

20

8. The system of claim 7, wherein the file server is a FTP (file transfer protocol) server or a distributed file server.

9. The system of claim 7, wherein the media renderer is
25 controlled by the control point connected to the UPnP-based

network, downloads the media file corresponding to the above address from the file server and plays back the downloaded media file.

10. The system of claim 7, further comprising:

5 a control point being connected to the UPnP-based network and displaying the media file list on a user interface screen.

11. The system of claim 7, wherein the media server further comprises a user interface for being provided with the position
10 information of the file server.

12. The system of claim 11, wherein the user interface is a keyboard mounted to the media server or an interface device for acquiring the position information of the file.

15

13. The system of claim 11, wherein the user interface is a UPnP action.

14. A media file playback system, comprising:

20 a file server providing a FTP(file transfer protocol) service and/or a distributed file service so as to transmit first medial files via a network;

a UPnP media server being to the above network and a UPnP-based network, providing a CDS (content directory service)
25 transmitting the information of second medial files and acquiring a

first media file list having the address information of the first media files;

a UPnP control point being connected to the UPnP-based network, acquiring the first media file list from the media server by requesting the media server for a the first media file list and providing
5 the address of a medial file selected by a user from the acquired first media file list; and

a UPnP media renderer being connected to the UPnP-based network, downloading the media file corresponding to the above media file address directly from the file server and playing back the
10 downloaded media file.

15 15. The system of claim 14, wherein the UPnP control point displays the first media file list on a user interface screen.

16. The system of claim 14, wherein the media server further
15 comprises a user interface for being provided with the position information of the file server.

17. The system of claim 16, wherein the user interface is a
20 keyboard mounted to the media server or an interface device for acquiring the position information of the file.

18. The system of claim 16, wherein the user interface is a UPnP action.

19. A media file playback system, comprising:

a FTP (file transfer protocol) server; and

a media renderer being connected to a UPnP-based network,
downloading a medial file provided from the FTP server based on the
5 position information of the FTP server and playing back the downloaded
media file.

20. A media file playback system, comprising:

a distributed file server; and

10 a media renderer being connected to a UPnP-based network,
downloading a medial file provided from the distributed file server based
on the position information of the distributed file server and playing back
the downloaded media file.

15